

19971109.qrp v00_n904.qrs.971109

Date: Sun, 9 Nov 1997 19:03:10 EST
From: qrp-1@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: QRP-L digest 904

QRP-L Digest 904

Topics covered in this issue include:

- 1) [30492] Re: Norcal Paddle-plexiglass paddle
by Bob Hightower <ki7mn@dancris.com>
- 2) [30493] Re: GM-15... ANYONE TRIED IT?
by "Ken Hanks" <kennfd@ibm.net>
- 3) [30494] FS Alliance HD-73 Rotor Control Box
by Bruce Huyck <bruce@pad-uky.campus.mci.net>
- 4) [30495] Paddles - Electroplating?
by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
- 5) [30496] Re: 98 QRP TTF Theme Announcement
by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
- 6) [30497] NorCal's QRP Open House, Pacificon '97
by Jerry Parker <jparker@fix.net>
- 7) [30498] Re: NorCal kit arrives &c
by tahrens1@juno.com
- 8) [30499] Pixie Revision/Improvements
by fmathews@norfolk.infi.net (Frank Matthews)
- 9) [30500] Re: QRP Kits -- ie: valve jobs :-)
by "Phil, K6LS" <k6ls@amsat.org>
- 10) [30501] Norcal Paddle-plexiglass paddle
by Terres Family <terresfm@ncia.net>
- 11) [30502] SPICE Info
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 12) [30502] Re: 1998 QRP to the Field Theme Announcement
by David Bixler <qrp@netins.net>
- 13) [30503] Mine are Square too...
by "Gary M. - W2UX" <mail4gary@worldnet.att.net>
- 14) [30503] 2N2 VFO
by n5inz@juno.com (John M Andrews)
- 15) [30504] Ten-Tec 2M transverter kit
by "Ken Hanks" <kennfd@ibm.net>
- 16) [30505] LEDs and QRP Flashlights
by Ed Manuel <n5em@flash.net>
- 17) [30506] QRP RTTY
by AlK0FRP@aol.com
- 18) [30507] Re: Norcal Paddle-plexiglass paddle
by Hank Kohl K8DD <k8dd@contesting.com>
- 19) [30508] NorCal Paddles/Magnet Fit

by doug hauff <slmachco@fix.net>
20) [30509] New paddles for the new paddle
by Steven Weber <kd1jv@moose.ncia.net>
21) [30510] NorCal Paddle plastic:Busted!
by doug hauff <slmachco@fix.net>
22) [30511] Re: CirCad
by rheiss@sprynet.com (Rob Heiss)
23) [30512] Re: 2n2222 parts sources
by rheiss@sprynet.com (Rob Heiss)
24) [30513] Re: 2222 Project Design Trade Offs
by Leon Heller <leon@lfheller.demon.co.uk>
25) [30514] Re: Bellvue Dinner K5F0/7
by John Bates <batesjw@netspace.net.au>
26) [30515] Re: QRP garage sale
by K5BDZ@aol.com
27) [30515] Re: Norcal Paddle-plexiglass paddle
by Steve Galchutt <n0tu@webaccess.net>
28) [30516] Pixie File Error/Possible
by fmathews@norfolk.infi.net (Frank Matthews)
29) [30517] how to change e-mail addr.
by "john dorson" <jdorson@bbs.mpcs.com>
30) [30518] Re: CirCad
by WB0NZM@aol.com
31) [30519] Re: QRP Kits -- ie: valve jobs :-)
by n4js@amsat.org
32) [30519] Help for HW9 birdies?
by Mike Czuhajewski <wa8mcq@u1.abs.net>
33) [30520] Re: CirCad
by WB0NZM@aol.com
34) [30521] Pixie II
by JFelts4572@aol.com
35) [30522] Norcal paddle kit plexiglass
by "Jeff M. Gold" <JMG@tntech.edu>
36) [30523] Re: AADE cap / inductor meter
by "Jim Kortge, K8IQY" <jokortge@mci2000.com>
37) [30524] Re: Norcal Paddle-plexiglass paddle
by k5zty@juno.com
38) [30525] FOR SALE
by k4wz@juno.com (RON L TODD)
39) [30526]
by David Gauding <david.gauding@bbs.galilei.com>
40) [30527] FS ICOM 751A
by "Kelly Ellison" <kelman@dialnet.net>
41) [30528] One kit down, two more to go . . .
by NilsBull@aol.com
42) [30529] CQC Swap List
by "Marshall Emm" <mgemm@mtechnologies.com>
43) [30530] Re: 98 Tuthill Dates?

by Roger Hightower <n7kt@dancris.com>
44) [30530] Gel Cell Questions:
by tahrens1@Juno.com
45) [30531] need info
by wd4nak@juno.com (CHARLES E HUX)
46) [30532] Re: need info
by Hank Kohl K8DD <k8dd@contesting.com>
47) [30533] Computer Radio Design
by Norm Melick <henmel@worldnet.att.net>
48) [30533] N/T+ Foxhunt of 09 NOV 2100-2200 UTC
by ARDUJENSKI@aol.com
49) [30534] Re: One kit down, two more to go . . .
by "Greg K. Pollard" <cwgreg@worldnet.att.net>

Date: Sat, 8 Nov 1997 17:03:49 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: JMG@tntech.edu
Cc: qrp-l@Lehigh.EDU
Subject: [30492] Re: Norcal Paddle-plexiglass paddle
Message-ID: <199711090003.RAA26415@dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 02:18 PM 11/8/97 -0600, you wrote:
>Did everyone get a plain square for the paddle handles? the
>picture for the assembly show a nice shaped paddle handle.. mine
>is just a square.
>
>
Should have one corner knocked off....maybe the saw blade broke :^)

73,
Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP
ARCI #8918, AK QRP #30, not in any order of importance.
33.334500N -111.87260W
<http://www.dancris.com/~ki7mn>
WIMPS: QSO's=19 30=19 17=0 12=0 States=15/0/0 DX=0/0/0 QSL's=7

Date: Sat, 8 Nov 1997 19:37:56 -0500
From: "Ken Hanks" <kennfd@ibm.net>
To: <wp4jxd@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [30493] Re: GM-15... ANYONE TRIED IT?

Message-ID: <01bceca7\$b930adc0\$4f7e2581@kh>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Pablo:

I have a GM-20. Great receiver, and generally a very nice rig. I get about 3W out. It covers 80Khz on 20M. The audio is high enough to drive a small speaker.

Also, you can't beat the product support Dave Benson give on his kits.

73,

Ken Hanks K1XS@ibm.net

Date: Sat, 08 Nov 97 19:36:22 PST

From: Bruce Huyck <bruce@pad-uky.campus.mci.net>

To: List to QRP-L List <qrp-l@Lehigh.EDU>

Subject: [30494] FS Alliance HD-73 Rotor Control Box

Message-ID: <MAPI.Id.0016.00727563652e70613246333930303339@MAPI.to.RFC822>

MIME-Version: 1.0

Content-Type: text/plain; charset=US-ASCII; X-MAPIextension=".TXT"

Content-Transfer-Encoding: quoted-printable

I have a HD73 rotor control box for sale. Includes new meter, unused in = box , and a

extra power transformer. Contact me if interested.

Bruce Huyck KS4V

Paducah, KY NORCAL , ARCI, NEQRP

HW-9,Norcal 40A, SWL 40-40,38 spec, OHR 100/20,SST 30

Date: Sun, 09 Nov 1997 01:06:58 -0500

From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>

To: qrp-l@Lehigh.EDU

Subject: [30495] Paddles - Electroplating?

Message-ID: <3.0.16.19971109010033.22272226e@som-uky.campus.mci.net>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Anyone considered electroplating of the Norcal/FF
paddle base, or is this cost prohibitive? I see Antique
Electronic Supply has electroplating kits for what seems
to be a reasonable price (except for the gold compound).
I'm not up to speed on the process of electroplating...
I wonder if such compounds will plate "virgin" material
like our steel bases, or if they only work on previously plated
material.
Hmmm...

...Rich

Rich Dailey, KA8OKH <ka8okh@som-uky.campus.mci.net>
The KA8OKH / KB4NPI Web - <http://www.qsl.net/ka8okh>

Date: Sun, 09 Nov 1997 01:06:54 -0500
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
To: qrp-l@Lehigh.EDU
Subject: [30496] Re: 98 QRP TTF Theme Announcement
Message-ID: <3.0.16.19971109004258.2257ea50@som-uky.campus.mci.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Oh boy, I smell a camping trip to the Daniel Boone National
Forest about 25 miles away (KY-TN).

cheers all... Rich

Rich Dailey, KA8OKH <ka8okh@som-uky.campus.mci.net>
The KA8OKH / KB4NPI Web - <http://www.qsl.net/ka8okh>

Date: Sat, 08 Nov 1997 17:32:37 -0800
From: Jerry Parker <jparker@fix.net>

To: qrp-1@Lehigh.EDU
Subject: [30497] NorCal's QRP Open House, Pacificon '97
Message-ID: <2.2.32.19971109013237.00679e90@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Yes,

we have posted a fantastic group of pictures from NorCal's
QRP Symposium and Building Contest complete with captions
by KI6DS.

Check it out!

<http://www.fix.net/norcal.html>

Enjoy,,,72,,,Jerry...WA6OWR...K

Date: Sat, 8 Nov 1997 19:45:48 -0600
From: tahrens1@juno.com
To: NilsBull@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [30498] Re: NorCal kit arrives &c
Message-ID: <19971108.194548.14302.0.tahrens1@juno.com>

Hey Nils - Mine came too, & I think I'll do it like my 'natural'
yardscape... xeriscape? In the raw, to remind me what it looked
like before I would have gone to all that work making it look
pretty... just for the kids to mess up!

Love that 'ugly' construction too!

cuall

Tim W5FN

>right: this is like one of them black-power kits. Now, where's my
>polishin'
>otters?
>

Date: Sat, 8 Nov 1997 21:01:37 -0500 (EST)
From: fmathews@norfolk.infi.net (Frank Matthews)
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [30499] Pixie Revision/Improvements
Message-ID: <v01530506b08a80c385d8@[208.131.169.28]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Fellow QRP-Lers

A number of you have inquired as to the difference between the
Pixie2 and my Revision.
Here they are:

Original had R5 "tacked" across the back of the pc board, I provided a real
home for it.

C11 was "crammed" up next to U1 making installation "testy". I gave it some
breathing room.

I've provided a means of incorporating a RIT as well as "rubbering" the XTAL.
Allowed for and marked "four" mounting holes on the pc board instead of none.
With the assistance of KS4D0 I have eliminated the "motorboat" problem some
of you were having with the original circuit.

Hope this answers most of the questions some of you had.

Frank

Frank Matthews
Technology Education Department
Oscar F. Smith High School
Chesapeake, VA 23320
fmathews@norfolk.infi.net
KC4FKX QRP-L #1079 CQC #434 NorCal #2232 AK/QRP #199
Grid Square FM16

Date: Sat, 08 Nov 1997 18:37:49 -0600
From: "Phil, K6LS" <k6ls@amsat.org>
To: jsielke@pobox.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [30500] Re: QRP Kits -- ie: valve jobs :-)
Message-ID: <346505DD.A122F9C5@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

N4JS wrote:

> Way back last July, I purchased a "Cakepan 5" Tube QRP transmitter Kit
> from Vintage radio in MA.

I'd like to find out more about this "hollow state" kit, does anyone have
a link to a web page? How about any info to pass along via e-mail?
Also, I you know about any other such kits(tx, rx or combo),
please pass the word along.

Would like to put something like this on the air, but don't really want
to scrounge around for valve related parts and such (got a Mess (literally)
of solid state 'junk' and don't need to add to it)

Thanks,

--

73 de Phil, K6LS

k6ls@qsl.net <or> k6ls@amsat.org
<http://www.qsl.net/k6ls>
DM79or , Arapahoe County, Colorado
ITU zone 7, CQ zone 4
QRP-L #612 NorCal #824
CQC #471 ARCI #8866

Date: Sat, 08 Nov 1997 22:22:06 -0800

From: Terres Family <terresfm@ncia.net>
To: qrp-l list <qrp-l@Lehigh.EDU>
Subject: [30501] Norcal Paddle-plexiglass paddle
Message-ID: <3465568E.185A@ncia.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

mine were square
72 jerry aa1of

Date: Sun, 9 Nov 1997 02:35:57 GMT
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-l@Lehigh.EDU
Subject: [30502] SPICE Info
Message-ID: <199711090235.CAA17054@chuck.dallas.sgi.com>

Gang,

Here is some info on Spice.

1. SPICE - Simulation Program for Integrated Circuit Emphasis
Version SPICE2G.6 is public domain and may be found
on the Internet but it is a large FORTRAN code.
2. PSpice - program by MicroSim, designed to work in a PC environment.
Student version (the free one) limited to 10 semiconductors
and 25 nodes.

For beginners I recommend, "PSpice A Tutorial" by L.H. Fenical. Then
read everything else you can get your hands on in the library or the book
store. Cost me \$25.20 (plus taxes) in paperback for this book.

For the advanced, a must is "SPICE Practical Device Modeling" by
Ron Kielkowski published by McGraw-Hill ISBN 0-07-911524-1 and it cost
me \$61.44 before taxes in hardcover, but well worth the price. It comes
with software.

The software in Ron Kielkowski's book is available at no charge as long
as the distributing party does not make money. So on Monday I'll have
Jim announce a directory from which you can ftp it. There are two files

install.bat - 33,282 bytes
rs34.exe - 1,245,791 bytes

This program is unbelievable!! It is not limited on number of nodes and it has a graphics package to die for. Wait til you run it. Must have 386 or better with couple of megs of memory and a floating point co-processor. But it is fast. Because of the size you'll have to ftp it and you must remember to set your transfer to binary or you'll waste your time and energy. Make sure the final file sizes on your disk match the above. Run the install.bat and read the READ.ME file. You're on your own.

There is a support form so that you have \$29.95, \$59.95, and \$89.95 level options with phone support only at the higher prices. Having a copy of the book will be the only way to figure out the chapter directories, but the rspice and rgraph programs are what you really need to get started. So don't bother them unless you buy the support, that's how they stay in business. This is SPICE2G.6 for the PC.

So with the 2N2222 contest some people are using SPICE to model some basic circuits. Here is a sample. Taking the amp on page 11, figure 9(a) of the Solid State Design book by W7Z0I and W1FB as a start and then the circuit values shown below from Fenical's book. I reduced the power from around 30mW down to 12mW per stage or 1mA per transistor for RF and IF amps. Nearly 40dB gain per stage with good S/N values and a wide band of frequencies at which this circuit will work.

FYI

The netlist is a good way to relay circuits in ASCII and schematic easy to generate from same. Node 0 is always ground. The nodes always follow the first field for each part. Transistor is C B E for its three nodes.

I'll put the schematic on the web page sometime Monday or Tuesday and post. Also the graph of the gain vs frequency.

-----cut here for data file-----

SINGLE STAGE AMPLIFIER 2N2222A MODEL

.OPTIONS LIMPTS=500

*

* RF and IF amplifier reduced power dissipation

* From PSpice A Tutorial Book by L.H. Fenical

*

* Chuck Adams, K5FO typed and edited

*

VCC 1 0 12

VAC 5 0 AC 1

```

R1  1 3 120K
R2  3 0 22K
R3  1 2 5.6K
R4  4 0 1.2K
RL  6 0 5.6K
C1  5 3 5U
C2  4 0 1000U
C3  2 6 5U
*
*  C B E  Transistor
Q1  2 3 4 Q2N2222A
*
.model Q2N2222A NPN(Is=14.34f Xti=3 Eg=1.11 Vaf=74.03 Bf=255.9 Ne=1.307
+      Ise=14.34f Ikf=.2847 Xtb=1.5 Br=6.092 Nc=2 Isc=0 Ikr=0 Rc=1
+      Cjc=7.306p Mjc=.3416 Vjc=.75 Fc=.5 Cje=22.01p Mje=.377 Vje=.75
+      Tr=46.91n Tf=411.1p Itf=.6 Vtf=1.7 Xtf=3 Rb=10)
*
.AC LIN 149 1E4 20E6
.PRINT AC VDB(6)
.END

```

```

*
*  Some sample points of the resulting output to check your results
*  SPICE2G.6 version in FORTRAN on a SGI system
*

```

* freq	vdb(6)
* (Hz)	
* 1.000E+04	3.961E+01
* 1.451E+05	3.961E+01
* 1.091E+06	3.958E+01
* 2.036E+06	3.949E+01
* 3.117E+06	3.932E+01
* 4.062E+06	3.913E+01
* 5.008E+06	3.890E+01
* 6.088E+06	3.859E+01
* 7.034E+06	3.830E+01
* 7.979E+06	3.798E+01
* 9.060E+06	3.761E+01
* 1.000E+07	3.727E+01
* 2.000E+07	3.374E+01

Chuck Adams K5FO CP-60 adams@sgi.com
<http://reality.sgi.com/adams/index.html>

Date: Sat, 08 Nov 1997 22:18:34 -0800
 From: David Bixler <qrp@netins.net>

To: QRP-L Low Power Amateur Radio Discussion <QRP-L@Lehigh.EDU>
Subject: [30502] Re: 1998 QRP to the Field Theme Announcement
Message-ID: <346555B8.AED1A132@netins.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Gang:

I like the idea of "Run for the Border" for the '98 QRP to the Field operation. Sounds like fun. Wonder how many states we can activate this way? Thanks
Doug for another winner.....

Today, my son (KC0AUU - you met him at FIDM in '96) and I checked out the three state corner of MO, KS and OK. It's only about 15 miles from Seneca so would be the logical spot to set up operation.

There is a stone monument set right on the meeting point of the three states. If no is looking, we may be able to mount a vertical at the exact point. Otherwise, there are trees nearby for the dipoles to run from one state to another with the rig in the third. Probably can wrap the feedline around the monument so the RF can travel through all three states!

If anyone else in the area wants to join our operation, drop me a note. Here's an open invitation for a team effort.

72,

Dave Bixler W0CH QRP: Minimum power, maximum fun!
Seneca, MO The "Mulefox"

Date: Sat, 08 Nov 1997 23:18:32
From: "Gary M. - W2UX" <mail4gary@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Subject: [30503] Mine are Square too...
Message-ID: <3.0.3.16.19971108231832.131f8406@postoffice.worldnet.att.net>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Mine are square too.....the paddle finger pieces that is.

=====
72/73 de W2UX QRP-ARCI
Gary McCaughey QRP-L
Lexington, SC CQC
CW is the REAL THING!
Use it....or lose it.
=====

Date: Sat, 8 Nov 1997 21:46:20 -0600
From: n5inz@juno.com (John M Andrews)
To: qrp-l@Lehigh.EDU
Subject: [30503] 2N2 VF0
Message-ID: <19971108.214738.11910.2.N5INZ@juno.com>

Despite the ravages of the flu and a pinched nerve in my neck, I tackled the 2n2 VF0.

(serious stuff- I even missed the Austin QRP meeting).

Oscillator came up ok at 3.5.....

Next ...The buffer amp....we're going now.....

3500....3546....3511....3561....My beady, blood-shot eyes take this in.

I realise I have created something nasty.....Pardon me - I will kill it.

It is indeed the *cockroach* of devices.

72, John-N5INZ

Date: Sat, 8 Nov 1997 22:48:36 -0500
From: "Ken Hanks" <kennfd@ibm.net>
To: "QRP-l@lehigh.edu" <qrp-l@Lehigh.EDU>
Subject: [30504] Ten-Tec 2M transverter kit
Message-ID: <01bcecc2\$5ba0b2c0\$587e2581@kh>
MIME-Version: 1.0
Content-Type: multipart/alternative;

boundary="-----_NextPart_000_0035_01BCEC98.72CAAAC0"

This is a multi-part message in MIME format.

-----=_NextPart_000_0035_01BCEC98.72CAAAC0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

Anyone see the ad for the 2M transverter kit in this months QST?

Is 10W output into a decent gain (10-15db) antenna enough for tropo, =
auroura, and satellite?

It is a toss up between the 6M and the 2M transverters right now.

Any suggestions?

73,

Ken Hanks K1XS@ibm.net

-----=_NextPart_000_0035_01BCEC98.72CAAAC0

Content-Type: text/html;

charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

<!DOCTYPE HTML PUBLIC "-//W3C//DTD W3 HTML//EN">

<HTML>

<HEAD>

<META content=3Dtext/html; charset=3Diso-8859-1 =

http-equiv=3DContent-Type>

<META content=3D'"MSHTML 4.71.1712.3"' name=3DGENERATOR>

</HEAD>

<BODY bgColor=3D#ffffff>

<DIV>Anyone see the ad for the 2M =
transverter kit in=20

this months QST?</DIV>

<DIV> </DIV>

<DIV>Is 10W output into a decent gain =
(10-15db)=20

antenna enough for tropo, auroura, and satellite?</DIV>

<DIV> </DIV>

<DIV>It is a toss up between the 6M and =
the 2M=20

transverters right now.</DIV>

<DIV> </DIV>

<DIV>Any suggestions?</DIV>

<DIV> </DIV>
<DIV>73,</DIV>
<DIV>Ken Hanks=20
K1XS@ibm.net</DIV></BODY></HTML>

-----=_NextPart_000_0035_01BCEC98.72CAAAC0--

Date: Sat, 8 Nov 1997 21:54:10 -0600
From: Ed Manuel <n5em@flash.net>
To: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>
Subject: [30505] LEDs and QRP Flashlights
Message-ID: <01BCEC90.FD2D9540@hsh19-135.flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Gang,

Looking for someone who can give me a sanity check on a project here.

I've been looking for the right LED for a QRP camplight. The purpose is =
to provide light to operate by. This is not a flashlight to walk by.

I've determined that most LEDs focus at a distance long enough to make =
it impractical to use. My test is that the light has to illuminate a =
Wilderness NorCal logbook and not be more than 6 inches away (high). =
This would allow the lamp to be mounted after a fasion on a NC-40 or =
Sierra.

So, having this big bag of sample LEDs I bought, I ended up with one of =
the 18,000 MCD superbright 10 mm. jobs. This one is red. The one you =
get from Hosfelt or Radio Shack is Orange. Not much difference except =
the red doesn't mess up your night vision.

If you have one of these and are still interested, try this. Grab a =
sharp saw - X-Acto razor saw or sharp coping saw. Saw off the lens =
about halfway between the tip of the dome and the substrate holder. =
Polish it up as good as you can with your Arkansas stone. Of course, if =
you build telescope mirrors, you know more about polishing things than I =
will ever know. (You DO know what an Arkansas stone is, don't you :-)

Now, I find that 2 AA batteries is about right to light this LED through =
a 500 ohm pot. I have adjusted mine to 10 ma. and find that the glow is =
just about right to be able to read by. You can get it a bunch brighter =

by running the current up to 40 or 50 ma. 10 ma seems to be a pretty =
good QRP light, though. If you like what you see, let me know. I do =
have excellent night vision. I think that 2 or 3 of these in series and =
in a row would make a nice lamp for your QRP wilderness station. If =
they were mounted on a swivel so that it laid flat against the top of =
the rig for travel but could be swung up and out over the logbook and =
front of the rig for operation it should work pretty well. Of course, =
the avid rig modifier will put a pot on the back of the rig so that the =
illumination can be adjusted from very dim to very bright. Whatever.

You could probably find a different LED that had a much more diffuse =
pattern but I like these superbrights. Cranked up to 40 ma. them make a =
pretty good flashlight.

Oh, the big superbright LED from R/S is an orange device rated at 18,000 =
mcd. The one advertised by Hosfelt at 18000 - 36000 mcd seems to be the =
identical LED. I can't tell any difference in their brightness. I =
think the 18000 mcd is a 20ma rating and the 36000 mcd is cranked up to =
50 ma full tilt bogey. So far, 2 AA carbon zinc batteries do not have =
the sock to burn one of these out. I assume that you will want to use =
your regular 12 vdc source for portable operation. Using 3 or 4 of =
these in series is no problem. No point in heating up a voltage =
dropping resistor if you have perfectly good LEDs to use. Three would =
probably be enough and would spread the light evenly over an area a foot =
wide, me thinks.

Now who will come up with the perfect mechanical arrangement?

Ed, N5EM
n5em@flash.net

Date: Sat, 8 Nov 1997 23:23:04 -0500 (EST)
From: AlK0FRP@aol.com
To: QRP-L@Lehigh.EDU
Subject: [30506] QRP RTTY
Message-ID: <971108232304_205452818@mrin86.mail.aol.com>

I FELL INTO BUYING A LEFTOVER K7SZL'S VOLKSRTTY (HAS A WEB PAGE) HC-02A RTTY
INTERFACE AFTER LAST WEEKS CQC MEETING. THIS UNIT IS A IMPROVED VERSION FROM
THE 741 OP AMP ORIGINAL VERSION. MARSHALL (N1FN) AND I BUILT OURS THIS WEEK
WE BOTH HAD A COUPLE OF MINOR NO BRAINER PROBLEMS AND I GOT MINE GOING LATE
TODAY. DICK AB0CD WILL FOLLOW WITH BUILDING HIS SOON.
THERE JUST HAPPENED TO BE A "WAE" RTTY CONTEDT ON SO " WHY NOT JUMPED IN FOR

A FEW CONTACTS. I WAS TOUGH NOT BEING FAMILIAR WITH THE SOFTWARE BUT I MUDDLED THROUGH IT. FROM 2200 Z TO 2330 Z I MADE ABOUT 24 Q'S PLUS TWO COUNTRIES HH2 AND FM5 PLUS US AND CANADA. WHEN THE DX WAS COMING IN SARURDAY MORN FROM EUROPE MY INTERFACE WAS NOT YET THERE. GOT IT GOING DURING THE MO/NE GAME , THAT SLOWED ME DOWN A BIT TOO. WHAT A GAME !! LATER I THOUGHT I WAS WORKING A JA1ZYH BUT GEEEZ WAS A KA1ZYH OH WELL. JA'S ARE TOO EASY ANYWAY.

THIS LITTLE UNIT WORKS AND BLEW AWAY MY OLD AEA CP-1 VINTAGE 80'S . MUST BE THE SOFTWARE.

CALLED CQ USING MY CALL /QRP AND THEY JUST KEPT CALLING. QRP RTTY IS POSSIBLE. KE4BWD WENT TO 5W TOO AND DID A 2WAY RTTY THESE KITS ARE \$49.95 AND WILL WORK WITH ANY RIG THAT HAS SSB CAPABILITIES. WILL COPY AND TRANSMIT RTTY AND AMTOR WILL RECEIVE PACTOR AND CW, BUT NOT TOO GOOD AT CW. MY EARS WORK BETTER ON CW.

GEE A NEW CONTEST QRP RTTY ??????

CU ON RTTY/QRP

AL K0FRP

Date: Sat, 08 Nov 1997 23:31:00 -0500
From: Hank Kohl K8DD <k8dd@contesting.com>
To: JMG@tntech.edu
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [30507] Re: Norcal Paddle-plexiglass paddle
Message-ID: <3.0.1.32.19971108233100.00777478@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Yep....So much for advertising! You get to shape them the way you want them.

At 02:18 PM 11/8/97 -0600, Jeff M. Gold wrote:

>Did everyone get a plain square for the paddle handles? the
>picture for the assembly show a nice shaped paddle handle.. mine
>is just a square.

>

>72

>Jeff, AC4HF

>

>

>

Date: Sat, 8 Nov 1997 21:05:59 -0800 (PST)

From: doug hauff <slmachco@fix.net>
To: qrp-1@Lehigh.EDU
Subject: [30508] NorCal Paddles/Magnet Fit
Message-ID: <199711090505.VAA04481@fletch.fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The fit of the magnet in the K8FF NorCal paddle kit is not critical as is the Paddle Shaft/Bearing fit. The magnet needs simply to stay in place. I found that a 1/4 inch drill would produce a hole that varied between a light press fit and a sliding fit. (magnets measure .2500-.2515 inch dia.) It is recommended that if the magnet is a sliding fit in the center block that a drop of epoxy or 'super' glue be used to secure the magnet. No muss, no fuss, no rough stuff.

The magnet material is extremely hard (how well I know), and would most likely destroy a knurl used with any serious intention...The forces involved here are so small a set screw would likely be overkill, a bit of any modern miracle adhesive would serve well here. Not to be ignored is the esthetic effect of a set screw in the top of the center block. Apply a drop of glue, center the magnet, feel the Zen...72 Doug KE6RIE
...That's what so neat about this kit - you build it, tune it, dial it in, polish it, your feel, your look, then you use it...what could be finer?

Date: Sun, 09 Nov 1997 00:26:19
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@Lehigh.EDU
Subject: [30509] New paddles for the new paddle
Message-ID: <3.0.1.16.19971109002619.31670b56@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Like everyone else, I got square plexi too. Looked really hooky. Working plexi is such a pain, especially small pieces.

So, I happened to have a 1/4" thick walnut plank, the kind you can get at the hobby store. (I just happen to have a lot of stuff, don't I?) Made a couple of near identical paddles shaped like the ones in the pictorial, oiled them with Linseed oil, and boy, does it look sexy now.

72,
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Sat, 8 Nov 1997 21:23:16 -0800 (PST)
From: doug hauff <slmachco@fix.net>
To: qrp-1@Lehigh.EDU
Subject: [30510] NorCal Paddle plastic:Busted!
Message-ID: <199711090523.VAA06018@fletch.fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

OK, here's the story: after working many, many overtime hours we pushed delivery of kit parts to the limit - Doug Hendrix and I were to meet at Kettleman City Wednesday 5 pm week before NorCal meeting, so Doug could transfer KITTED parts to Jim Cates at meeting(500 kits in two evenings...the guy is nuts)...wednesday was a real frenzy, It came down to meeting Doug with incomplete set of parts, or leaving out corner notch on plastic...Doug frowned when he saw the parts, but agreed I made correct decision. I DID check before opting by attacking a paddle with a file - it took only seconds to get a good size flat going, it is even faster with 80-grit paper, I further rationalized by figuring a guy would have more control over shape...BOTTOM LINE: If you are unhappy with the plastic paddle part's square shape, contact me and I will happily send you notched ones...sorry guys, my fault, not a reflection of Doug Hendrix or NorCal!
72 Doug KE6RIE

Date: Sat, 8 Nov 1997 22:48:23 -0800
From: rheiss@sprynet.com (Rob Heiss)
To: qrp-1@Lehigh.EDU
Subject: [30511] Re: CirCad
Message-ID: <199711090648.WAA00768@m5.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I stated that it was crippled. In response we have testimony from John and Steve that they have been drawing rig schematics without complaint.

My opinions may be too harsh for this forum because I was an ECAD professional for eight years. It may be unfair to compare CirCad to the five schematic entry packages we used on the job because they cost from 5,000 to over 100,000 US dollars.

Even without your can-do attitude, I was able to draw a few modules and plot something on a DeskJet. Tomorrow should have some time to play with CirCad again and also attempt to upload results to a web page.

73, Rob K06KA rheiss@sprynet.com

Date: Sat, 8 Nov 1997 22:48:29 -0800
From: rheiss@sprynet.com (Rob Heiss)
To: qrp-1@Lehigh.EDU
Subject: [30512] Re: 2n2222 parts sources
Message-ID: <199711090648.WAA00788@m5.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Audio Transformers

Mouser Electronics (800 346-6873 www.mouser.com) has a wide selection and reasonable prices. The 42TL series have solid leads on 0.1 inch centers so they plug right into a solderless breadboard. My class A headphone amps use the 42TL003, a 1.2K:8 part which works fine and is inexpensive.

Since some product detector designs use a 4K:600 or 10K:2K coupling transformer, I found one of the latter surplus. Mouser has them too.

Heat Sinks

Although Mouser discontinued the particular style I tried and liked, they still have another style which fits TO-18 cans such as 2n2222. Just the thing for those overachieving final amplifiers. I plan to drive the heck out of a pair, and pray the SWR remains low.

73, Rob K06KA rheiss@sprynetcom

Date: Sat, 8 Nov 1997 20:46:46 +0000
From: Leon Heller <leon@lfheller.demon.co.uk>
To: microres@crl.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [30513] Re: 2222 Project Design Trade Offs
Message-ID: <vZV\$AIA2+MZ0Ewka@lfheller.demon.co.uk>
MIME-Version: 1.0

In message <3464A42A.90D@crl.com>, Stan Wilson <microres@crl.com> writes
>DESIGN TRADE-OFFS

>

>Nothing appears to be cut and dry when it comes to design of electronic
>circuits. RF circuit design has always been known as "Black Magic".

>The following is for the purpose of disscussion and not for generating
>flames.

>

>First the mixer circuit. We have two clear cut choices in the basic
>design. We can use an active mixer or a passive mixer. For discussion
>we have chosen a passive mixer. A review of the literature indicates we
>should use a local oscillator with an output of a square wave. What are
>the trade offs of using a sine wave generator for the local oscillator ?

>

>Now a noisy oscillator (something in its output other than the pure sine
>at the desired frequency) will degrade the output of the mixer. What
>happens if we take a noisy oscillator at twice the desired frequency and
>square it up before feeding to the passive mixer? Can we use a square
>wave to drive an active mixer ? Should we be using a square as the LO
>for our mixers - either passive or active ? What will be the results ?

>

>Is a noisy oscillator problem only related to active mixers ? Or do we
>have the same problem from using them with a passive mixer ?

>

>Is some of this old wives tales or Black Magic? What are the trade
>offs?

>

>Comments -

MCL states that square waves give better performance than sine waves
with diode DBMs, in their applications info.

73, Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
See <http://www.lfheller.demon.co.uk/rcm.htm> for details of a
low-cost reconfigurable computing module using the XC6216 FPGA

Date: Sat, 08 Nov 1997 20:15:44 +1100
From: John Bates <batesjw@netspace.net.au>
To: adams@chuck.dallas.sgi.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [30514] Re: Bellvue Dinner K5F0/7
Message-ID: <34642DBF.25A8DFBF@netspace.net.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Giddyay Chuck

You brought back wonderful memories.

I was stationed in Seattle in 1983 commissioning the HMAS Sydney for the Royal Australian Navy. Spent a year in Bellevue (Lived in "Town Square" Unit no 8).

Ah the memories.

Would any of your gang, or yourself, know of any Australian sailors living in Seattle area between 1992-1994?

73's

John

Chuck Adams wrote:

> My personal thanks to the gang in Bellvue WA and area.
> Last night the group listed below got together at
> grazie Ristorante Italiano in Bellevue for dinner.
>
> A lot of the group had not seen each other even though they
> all were in the area. The first time they had all been in one
> place at the same time. Two hours of fun and food, which was
> excellent by the way.
>
> Thanks to Alan KB7MBI for the work in putting it all together.
> BTW, if you haven't worked Alan as the novice fox, you must make
> an attempt to do so. His QSL card is worth the effort.
> Apropos for the contact and that's all I'm going to say about it. :-)
>
> Several NorCal 38-Specials on display, the W6EMT Z-Match,
> and a Gary Breed Xcvr HB. Nice work guys.
>
> Let's do it again.
>
> dit dit de K5F0/7
>
> W7QC Steve Buroker
> WU7F ex KB7NV Bob Farnworth (Note no s in his last name. :-)
> N7EQZ Steve Rito
> KC7KHD Dale Scott
> KB7ZF0 Dennis Hebert
> K7SZL ex W08N Terry Mayhan
> KB7MBI Alan Dujenski

> W6EMT Roy Gregson
> K7MP ex KC7CKP John Shuster
> WA20CG Michael Sealfon
> K5FO ex K5FJZ Chuck Adams
> Chuck Adams K5FO CP-60 adams@sgi.com
> <http://reality.sgi.com/adams/index.html>

--

batesjw@netspace.net.au
batesjw@southcom.com.au
vk7rt@qsl.net

<http://www.qsl.net/vk7rt/>
VK7RT
CW OPS QRP Club #456

Date: Sun, 9 Nov 1997 08:16:12 -0500 (EST)
From: K5BDZ@aol.com
To: k5zty@juno.com, qrp-1@Lehigh.EDU
Subject: [30515] Re: QRP garage sale
Message-ID: <971109081611_-2111555520@mrin84.mail.aol.com>

Bill

Having a radio garage sale next weekend Sat Nov 15th...lots of parts, radios, etc even some QRP items and kits. Also inviting hams to bring their own stuff to sell, pop their trunks and have a mini-tail gate party up and down the street.

Like to see you here if your time permits.

Bill, K5BDZ

9215 Rowan Lane (off Beltway 8 and Bellaire Blvd)

Houston 713.772.6739 for info.

Probable talk in on 145.47

Date: Sun, 09 Nov 1997 06:33:25 -0700
From: Steve Galchutt <n0tu@webaccess.net>
To: k8dd@contesting.com
Cc: "\"Low Power Amateur Radio Discussion\"" <qrp-1@Lehigh.EDU>

Subject: [30515] Re: Norcal Paddle-plexiglass paddle
Message-ID: <3465BBA5.3A52@webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Isn't it the idea of a kit ...ur given the raw materials, and
plans/instructions and the 'challenge' to create ur own dream(key).
Something with "personality". Something AES or HRO doesn't sell!!

My 2 bits...Steve/n0tu

Hank Kohl K8DD wrote:

>
> Yep....So much for advertising! You get to shape them the way
> you want them.
>
> At 02:18 PM 11/8/97 -0600, Jeff M. Gold wrote:
> >Did everyone get a plain square for the paddle handles? the
> >picture for the assembly show a nice shaped paddle handle.. mine
> >is just a square.
> >
> >72
> >Jeff, AC4HF
> >
> >
> >

--

.....Steve > n0tu . .
email:N0TU@webaccess.net
homepage <<http://www.webaccess.net/~S&P>>

Date: Sun, 9 Nov 1997 09:33:29 -0500 (EST)
From: fmathews@norfolk.infi.net (Frank Matthews)
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [30516] Pixie File Error/Possible
Message-ID: <v01530500b08b2fbd82d0@[208.131.169.28]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Fellow QRP-Lers

As I was getting geared up for the "mad rush" of the Pixie offer I found a prototype file that had a mistake. I'm wondering if any of you received that file as opposed to the final version. The error is rather simple and easy to fix. One side of R1 was left "floating" out in space. It should simply be connected to the top of C1. In other words simply bring the trace straight down.

Sorry if some of you received the wrong file but I'm glad I caught it so as not to create any "unsuccessful" projects. It is nice when it works the first time isn't it! The motorboat problem some of you have mentioned is a result of some RF creeping into pin 6 of the LM386. Placing a .01uF capacitor across pin 6 and ground (pins 3+4) will eliminate the problem.

The version I will be sending out on the "blue film" is CORRECT. It will even include the "enhancement" (which was just made Friday) that eliminates the motorboating problem some of you have mentioned.

Frank

Frank Matthews
Technology Education Department
Oscar F. Smith High School
Chesapeake, VA 23320
fmathews@norfolk.infi.net
KC4FKX QRP-L #1079 CQC #434 NorCal #2232 AK/QRP #199
Grid Square FM16

Date: Sun, 9 Nov 1997 09:49:22 -0500
From: "john dorson" <jdorson@bbs.mpcs.com>
To: "QRP-L" <QRP-L@Lehigh.EDU>
Subject: [30517] how to change e-mail addr.
Message-ID: <199711091449.JAA22354@bbs.mpcs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Would someone please tell me how I can change my e-mail address. I am changing Internet Service Providers and can't seem to find this in the instructions I received when I signed up for the list.

Thank you

John K2JHU...

Date: Sun, 9 Nov 1997 10:19:50 -0500 (EST)
From: WBONZM@aol.com
To: qrp-1@Lehigh.EDU
Subject: [30518] Re: CirCad
Message-ID: <971109101949_-1442560872@mrin83.mail.aol.com>

In a message dated 97-11-09 01:54:34 EST, you write:

<< My opinions may be too harsh for this forum because I was an ECAD professional for eight years. It may be unfair to compare CirCad to the five schematic entry packages we used on the job because they cost from 5,000 to over 100,000 US dollars. >>

Yeah, that probably could have something to do with your opinion of the Circad demo. :-)

Really, the demo version of Circad is very usable for drawing and printing small and simple schematics. I've done one circuit using it, that has, I think, around 225 to 250 components. I did it as 2 pages (part of the circuit on page 1 and part of the circuit on page 2). It's very easy, then, to generate a full netlist from both pages, and the parts weren't 'crammed' in so tight on each 8 1/2 in. by 11 in. page, that it was difficult to read it.

What I've found with the Circad demo, is that it is much easier to use, even with the limited documentation, than some of the other 'commercial' packages that I've seen and used, but the Circad demo is much more 'functional' and much more 'powerful' than any of the 'shareware' CAD packages that I've seen (other than the PADS shareware version, and it is a PAIN to learn to use).

There are a few 'tricks' to using Circad, that I think are addressed pretty well in the Circad FAQ that is available from several different sources. If anyone wants that FAQ, I'll be happy to e-mail it to them. Eventually, I plan on havng Circad-related files available on my 'business' Web Site. And if there are any other questions about Circad, I'd be happy to try to answer (there's still a lot that I don't know about, but I have been messing with it for quite a while now).

By the way, here's how the menus work in Circad - there are 3 ways to get the menu to show up: Press the left mouse button (but only if another function hasn't already been selected, so I usually don't use this method to get the

menu), Press the Space Bar, or Press the first letter of the 'main' menu selection that you want (this is the one that I ususally use, now that I remember the 'main' selections).

For example, if you want the File menu, then just press 'F' at any time. If you want to Place A Component on the screen, then press 'P' (Place), and then press 'C' (Component). It's really simple and fast. I've seen some CAD packages that took 4 or 5 key presses to get to the same point that 2 key presses will get you, in Circad.

Another thing that caught me, was that when I tried to print out a schematic, it was too 'light' - I couldn't see some of it very well. The program defaults to use a pen plotter, so if you tell it to use anything other than a pen plotter, you need to tell it to print 'darker'. To do this, select Plotter Out, from the File menu (just as if you are going to print), and change all of the numbers that you'll see, in the first screen that comes up, to '7' (there'll be a list showing Master, Symbols, Signal, etc. These are the different 'levels' on the schematic and PC boards. The number 7 indicates to print 'black').

These things that I've mentioned above, are covered in the FAQ, if I'm remembering correctly.

I haven't used the circuit board layout portion of Circad, much, but it seems to be pretty easy to use, too, from what little that I've messed around with it.

Rob, maybe as we all do more with CAD, you can give us some helpful 'tips'. I know that I would sure appreciate any help that I could get from you.

John

Date: Sun, 09 Nov 1997 10:16:26 -0500 (EST)
From: n4js@amsat.org
To: "Phil, K6LS" <k6ls@amsat.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30519] Re: QRP Kits -- ie: valve jobs :-)
Message-ID: <XFMail.971109101626.n4js@amsat.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

On 09-Nov-97 "Phil, K6LS" typed:

>

Website: <http://www.mnsinc.com/bry/vintage.htm>

Address:

Sent at 10:16:25 on 09-Nov-97

73 and Queue Our Pea DE WA8MCQ wa8mcq@abs.net

Date: Sun, 9 Nov 1997 10:36:38 -0500 (EST)
From: WBONZM@aol.com
To: qrp-1@Lehigh.EDU
Subject: [30520] Re: CirCad
Message-ID: <971109103637_1337790122@mrin39>

In a message dated 97-11-09 10:26:20 EST, you write:

<< To get the full list of parts, bring up the "place component" box and enter
>?<
for a component type. You then select a family, (ttl, cmos, microprocessor,
analog, discrete, etc) then get a list of all the types or variations.
>>

Here's something else to watch for:

Each schematic 'file' can have it's own library 'set'. When you create a New schematic file, certain library files are included, automatically.

If you want to include another file (for example, I've got a file that I added extra components to, called 'myschl.sch'), so it's components will be in the 'list' of components when entering a '?', as Steve mentioned above, it needs to be added to the 'list' of libraries for the schematic. Select the 'Set' menu, and then 'Library File'. You can then add up to 6 or 7 more parts library files, to be used with this schematic.

Remember, when you add a parts library file this way, it is ONLY added for the schematic that is presently on the screen, and you do need to Save the schematic to save this additional parts library file. If you want this same parts library file added to another schematic, then you need to open that schematic and add the parts library file, and then save it.

I hope I explained this clearly enough - it's a lot easier to do it than to explain how to do it. :-)

John

Date: Sun, 9 Nov 1997 10:43:54 -0500 (EST)
From: JFelts4572@aol.com
To: qrp-1@Lehigh.EDU
Subject: [30521] Pixie II
Message-ID: <971109104353_849935099@mrin46.mail.aol.com>

Getting interested in trying a Pixie II. Where can I find the latest circuit diagram for it so I can start building one. Also any info on it. Thanks

Jerry

Date: Sun, 09 Nov 1997 09:49:03 -0600 (CST)
From: "Jeff M. Gold" <JMG@tntech.edu>
To: qrp-1@Lehigh.EDU
Subject: [30522] Norcal paddle kit plexiglass
Message-ID: <01IPSV6LWNAA8WW4ZY@tntech.edu>
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII

Just to share info. Most people told me the plexiglass paddle came square.. no problem.. kinda lets me get creative.. gonna try to get into one of the shops on campus and cut out a few different types. I used some fine steel wool on the brass.. didn't take much work and looks real good. Gonna go out today and get some paint for the base.

thanks to all who emailed.

I am still trying to sell my wife and kids to try to save for the new multiband Wayne B. kit. I wish I had a ball park figure on the cost.. think it will have to be a very expensive kit to have all the advertised features.

72
Jeff

PS.. I am REALLY enjoying my SST on 30 meters.. it really seems to work GREAT!!

Date: Sun, 09 Nov 1997 12:15:11 -0500
From: "Jim Kortge, K8IQY" <jokortge@mci2000.com>
To: gsurrency@juno.com
Cc: qrp-1@Lehigh.EDU
Subject: [30523] Re: AADE cap / inductor meter
Message-ID: <3.0.1.16.19971109121511.3c779858@mail10.mci2000.com>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii

At 05:46 PM 11/7/97 -0700, you wrote:

>Gang,

>

>I just finished building the AADE cap / ind meter this PM. I took about 2
>hours to build it, and I was in no hurry. It works great! If you
>hombrewers don't have one of these things, you are really missing out. I
>already have used it to check some suspect caps and found they were waaay
>out of value. It was especially helpful in identifying a small trimmer
>cap I had that I did not know the value of. Digital, accurate, simple. I
>like it.

>

>It's great for checking that grab bag of parts you have kicking around in
>your junk box!

>

>The unit works very well, and my thanks go out to Neil Heckt who designed
>it.

>

>I gotta go check those toroids I've been winding now to see how they
>spec' out!

>

>It's available from Milestone Technologies, Inc. 303 752-3382. The price
>is \$89.95 plus shipping. Look at: <http://www.mtechnologies.com/mthome>

>

>Standard disclaimer. Just another satisfied customer! Thanks Marshall!

>

>72,

>

>AB7MY

>Gary Surrency

>Chandler, AZ (Near Phoenix), QRP-L #571, AZ ScQRPions, ARRL VE

>

I agree with Gary. One of the most useful tools one can have
in the shack. Works great!

72.....Jim

Jim Kortge, K8IQY (ex NU8N)		NorCal, QRP-L
jokortge@mci2000.com		__o H.F. bicycle mobile
Fenton, MI		_`<, Mizuho 17/40 SSB
...		(*)/(*)
NorCal 38S/30 Log - 34 States;		40 Countries - Running 3 watts
Most recent -	Iowa	Mauritius

NorCal 38S/17 Log - 16 States;		23 Countries - Running 1.5 watts
Most recent -	Delaware	Bulgaria

Date: Sun, 09 Nov 1997 13:12:07 EST
From: k5zty@juno.com
To: JMG@tntech.edu
Cc: qrp-1@Lehigh.EDU
Subject: [30524] Re: Norcal Paddle-plexiglass paddle
Message-ID: <19971109.180815.5463.1.k5zty@juno.com>

The picture is wrong Jeff. The handles are supposed to be square.
Bill, K5ZTY

Date: Sun, 9 Nov 1997 13:15:22 est
From: k4wz@juno.com (RON L TODD)
To: qrp-1@Lehigh.EDU
Subject: [30525] FOR SALE
Message-ID: <19971109.131857.8343.13.K4WZ@juno.com>

GOT MAKE ROOM, FOR SALE
INDEX LABS QRP 160-10 METERS SN.1605 WITH COMPANION \$550.00
MFJ TNC 1270C 9600 BAUD WITH EXTRA PCB 2400 BD.....\$100.00
MFJ TUNER
945E.....
.....\$50.00
MFJ TUNER
949E.....
.....\$85.00
CAKEPAN TRANSMITTER WITH 160/80/40 M
COILS.....\$50.00
AT-11 AUTOMATIC TUNER LDG FACTORY ASSEMBLED.....\$125.00
LDG FACTORY ASSEMBLED QRP
TUNER.....\$100.00
CENTENNIAL SSB TRANCEIVER KIT UNASSEMBLED.....\$
45.00
RAINBOW TUNER KIT
UNASSEMBLED.....\$ 15.00
ISLANDER KEYER KIT WITH HARDWARE UNASSEMBLED\$20.00
TEN TEC MODEL 5061 1.5KW LOWPASS
FILTER.....NEW.....\$35.00
VANGAURD FREQUENCY GEN MODEL SG-100D
\$35.00
TIMEWAVE DSP-59+
.....
.....\$125.00

ALL INCLUDES SHIPPING USA.....MONEYORDERS ONLY.

RON K4WZ, MIKE AF4FF, MATT AF4FE, BETH KU4JG
FISTS # 2109, #3534 #3533
PO BOX 885, FOREST PARK, GA. 30298
K4WZ, EX WA4EPC, KE4RZR, AE4LQ
QUIT YOUR YAPPING, JUST START TAPPING !
RON K4WZ, MIKE AF4FF, MATT AF4FE, BETH KU4JG
FISTS # 2109, #3534 #3533
PO BOX 885, FOREST PARK, GA. 30298
K4WZ, EX WA4EPC, KE4RZR, AE4LQ
QUIT YOUR YAPPING, JUST START TAPPING !

Date: Sun, 09 Nov 1997 12:55:05 -0600
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-l@Lehigh.EDU
Message-ID: <1.5.4.32.19971109185505.006d66b8@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Test message!

de NF0R

Date: Sun, 9 Nov 1997 14:08:57 -0600
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-l@Lehigh.EDU>
Subject: [30527] FS ICOM 751A
Message-ID: <199711092007.0AA28889@shell.dialnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello All QRP-L,

I am offering my Icom 751A For Sale. This has been my main rig and has been babied. Never Mobile, non smoker, Beautiful condition. Excellent Receiver... and can be turned down to QRP internally or through ALC.

Includes hand mic and manual. Features: 500 Hz. CW filter, Iambic keyer, Full break-in (QSK), 105 dB dynamic range, PBT, Preamp, Monitor. I am going to ASK \$775.00. I will split UPS COD.

Contact me direct at kelman@dialnet.net

Thank you.

Kelly Ellison
WB0WQS
QRP-L #702
Aurora, Missouri

Date: Sun, 9 Nov 1997 15:29:37 -0500 (EST)
From: NilsBull@aol.com
To: QRP-L@Lehigh.EDU
Subject: [30528] One kit down, two more to go . . .
Message-ID: <971109152934_1447506681@mrin83.mail.aol.com>

Amigos,

There's an LU on 10 meters calling from a radio club in Patagonia. I've been listening to him while finishing off the NorCal paddle kit. For now, it's operational testing time. Later I get fancy.

Damn nice kit, although, using my normal methods of building stuff, I put it together and took it apart about 8 times before I got to the soldering on of wires &c. When Cindy gets up from her nap, I'm gonna try it out on the TAC1 or ARK30.

I used the belt sander on the base and got it to a pretty decent state of cleanliness. Used polishing/rubbing compound on the brass work and have to admit that I could have done even more rubbin' and polishin' if I hadn't been so hot to get the beast built to test it out. Very very nice work, this one.

Still wish that I'd bought two. Hmmm . . . Friday was payday . . .

73

Nils

WB8IJN &c

. . . think I'll make a different set of paddle pieces, closer together maybe
. . .

Date: Sun, 9 Nov 1997 14:25:28 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: cqclist@lists.csn.net, qrp-1@Lehigh.EDU
Subject: [30529] CQC Swap List
Message-ID: <199711092125.0AA06619@bobcat.sni.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

The CQC Swaplist has been updated. Check it out on the
web: <http://www.mtechnologies.com/mthome/cqc.htm>

Or email me to be put on the email distribution list.

73
Marshall Emm
N1FN/VK5FN
n1fn@mtechnologies.com
Milestone Technologies
Software, kits, tools...
<http://www.mtechnologies.com/mthome>
(303)752-3382
--

Date: Sun, 09 Nov 1997 14:27:29 +0000
From: Roger Hightower <n7kt@dancris.com>
To: Joe Gervais <vole@primenet.com>, qrp-1@Lehigh.EDU
Subject: [30530] Re: 98 Tuthill Dates?
Message-ID: <3465C850.3627A627@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Joe.

The dates for Tuthill in 1998 are July 23, 24 and 25. Should be enough
time to plan things, :-).

72...Roger

--

72/73, de Roger, N7KT
AK-QRP 167, ARCI 8946, CQC 176, GQRP 9081, NE-QRP 383, NORCAL 1099,
QRP-L 62

Date: Sun, 09 Nov 1997 16:29:11 EST
From: tahrens1@Juno.com
To: qrp-l@Lehigh.EDU
Subject: [30530] Gel Cell Questions:
Message-ID: <19971109.162625.4919.0.tahrens1@juno.com>

Hi folks... came across one of those neat deals...
It was laying in the hall to be trashed, & the guy
who can say so said I can have it!

It is a box, 1" thick by 11" by 6". It is an
external Laptop power supply, and has an input
on one end marked 12v ac or DC, and the opposite
side says +12v output.

It also has a 3 position switch - left is charge,
and right is output. It even has 4 leds to show
the state of the charge.

I opened it up, and it has two gel cells of the
cel phone type - I think they are about 2/3 Ah.
Rectangular types.

Anyhow, the box has a small switcher on it to up
convert the voltage for charging, etc, but both
of the batteries are in parallel! Am I missing
something? I didn't think you could parallel
two batteries without each trying to charge/discharge
each other.

Any gel cell gurus have any ideas?

Thanks,

Tim W5FN

Date: Sun, 09 Nov 1997 16:50:55 EST
From: wd4nak@juno.com (CHARLES E HUX)
To: qrp-1@Lehigh.EDU
Subject: [30531] need info
Message-ID: <19971109.164951.7903.0.wd4nak@juno.com>

will some one please tell me where CM6CX is located at ?
thank's Charles wd4nak

Date: Sun, 09 Nov 1997 17:38:50 -0500
From: Hank Kohl K8DD <k8dd@contesting.com>
To: wd4nak@juno.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [30532] Re: need info
Message-ID: <3.0.1.32.19971109173850.00789e88@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Cuba. Not in QRZ callbook or Buckmaster Hamcall.

At 04:50 PM 11/9/97 EST, CHARLES E HUX wrote:
>will some one please tell me where CM6CX is located at ?
>thank's Charles wd4nak
>
>
>
*/ Hank Kohl K8DD k8dd@contesting.com
*/ ARRL TS (k8dd@ttr.com)
*/ MI-QRP - Vice Pres. QRP-ARCI - Director
*/ G-QRP ARRL/LM QCWA/LM QCAO/LM

Date: Sun, 09 Nov 1997 14:44:52 -0800
From: Norm Melick <henmel@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [30533] Computer Radio Design
Message-ID: <34663CE4.53B1@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> This program is unbelievable!! It is not limited on number of nodes
> and it has a graphics package to die for. Wait til you run it. Must
> have 386 or better with couple of megs of memory and a floating point > co-processor.

Perhaps as an additional benefit of the 2N2222 contest, someone would use this program with something like the pixie II, and teach us about using software to design radios.

Seems like a natural extension.

Norm

Date: Sun, 9 Nov 1997 17:48:25 -0500 (EST)
From: ARDUJENSKI@aol.com
To: qrp-1@Lehigh.EDU
Subject: [30533] N/T+ Foxhunt of 09 NOV 2100-2200 UTC
Message-ID: <971109174824_-692724919@mrin47>

Here is the results of the afternoon run. Congratulations to all those that snuck in thru the briar and got a piece of the FOX. Going back to lick my wounds for this evenings run.

PRELIMINARY N/T+ Foxhunt of 09 NOV 2100-2200 UTC

TIME	STATION	NAME	STATE	RST(S)/(MY)	PWR
2104	KU7Y	RON	NV	449/449	5W
2110	VE7CQK	PAUL	BC	599/599	5W
2112	N6MM	HARVEY	CA	339/549	5W
2118	K6VNX	ARLEN	CA	339/449	5W
2126	KI0II	RON	CO	339/339	5W
2130	K50N	GARY	NM	339/559	5W

Station: KB7MBI
FREQ:..... 7.120
RIG:..... EMTECH NW8020 (40M) and filter
PWR:..... 5W
ANT:..... DIPOLE (N-S)up 50 ft

Date: Sun, 09 Nov 1997 18:21:12 -0500
From: "Greg K. Pollard" <cwgreg@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Subject: [30534] Re: One kit down, two more to go . . .
Message-ID: <3.0.1.32.19971109182112.006c55d0@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>There's an LU on 10 meters calling from a radio club in Patagonia.

On 15m I heard KH7EX in OH., but he did not hear my 5 w, at abt 2245 utc.

>

>

>I used the belt sander on the base and got it to a pretty decent state of
>cleanliness.

FB on the belt sander, worked gud for me too. Not so FB on the tumbler for
brass parts, it was ok but not that gud. Plexi squares don't matter because
I am using some rosewood, it will also start as a square.

72

Greg W8XP FISTS #1977

End of QRP-L Digest 904

